Charm Event 3073_22977

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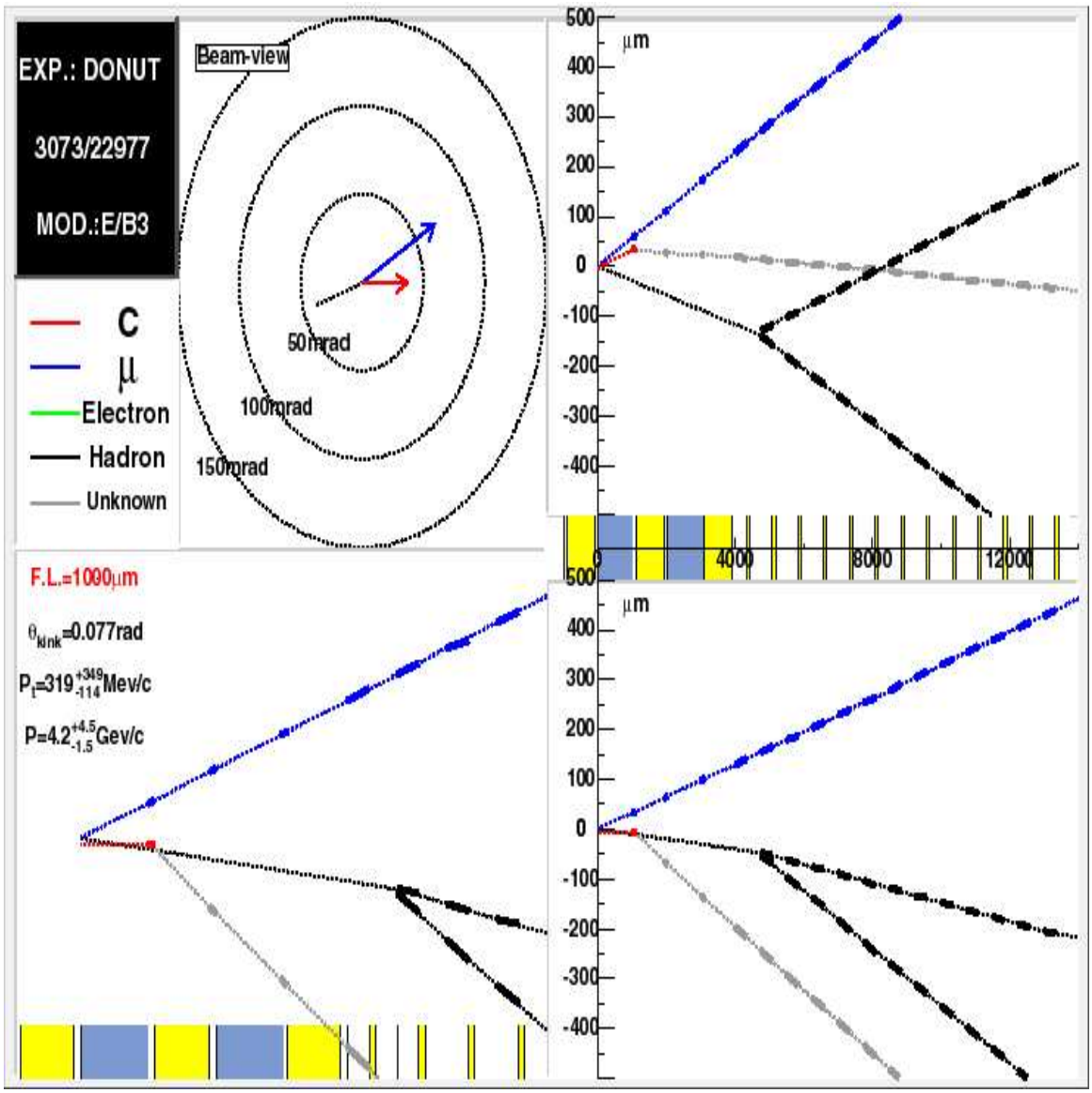
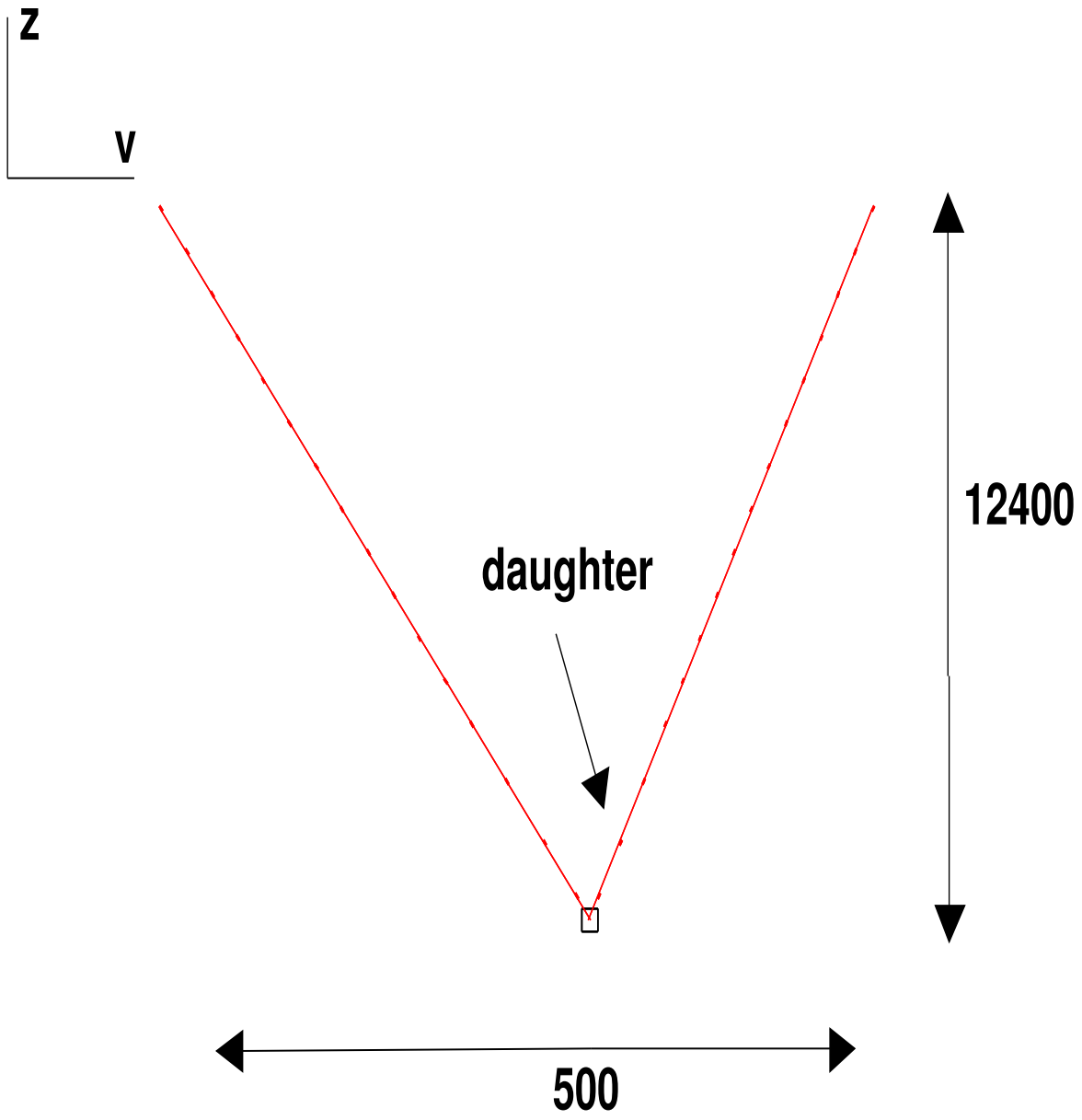
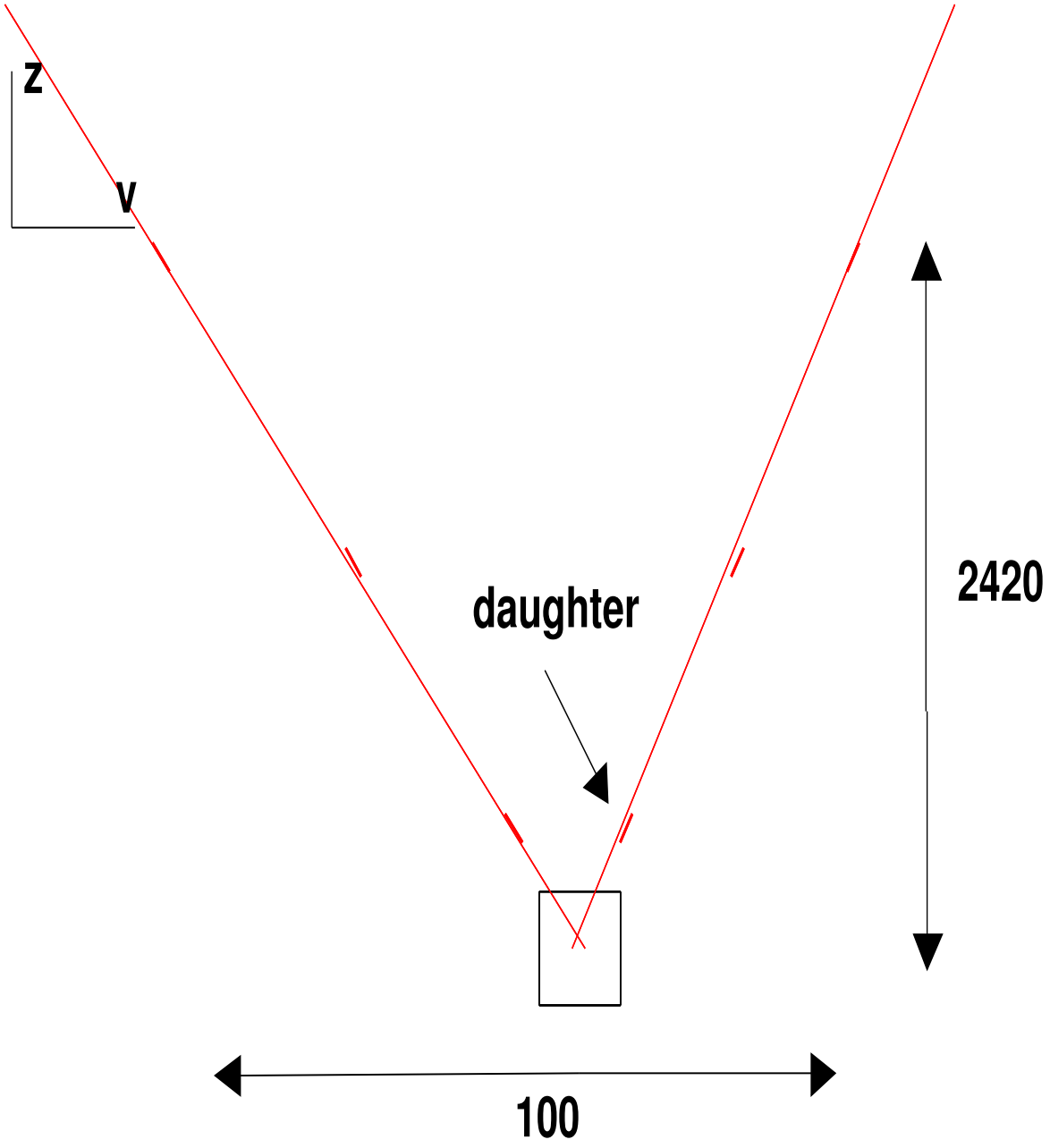


plate	trkid	comment
351	1003486	muon
351	1003490	charged daughter
351	1	neutral parent
351	1006457	neutral daughter
351	1006474	neutral daughter

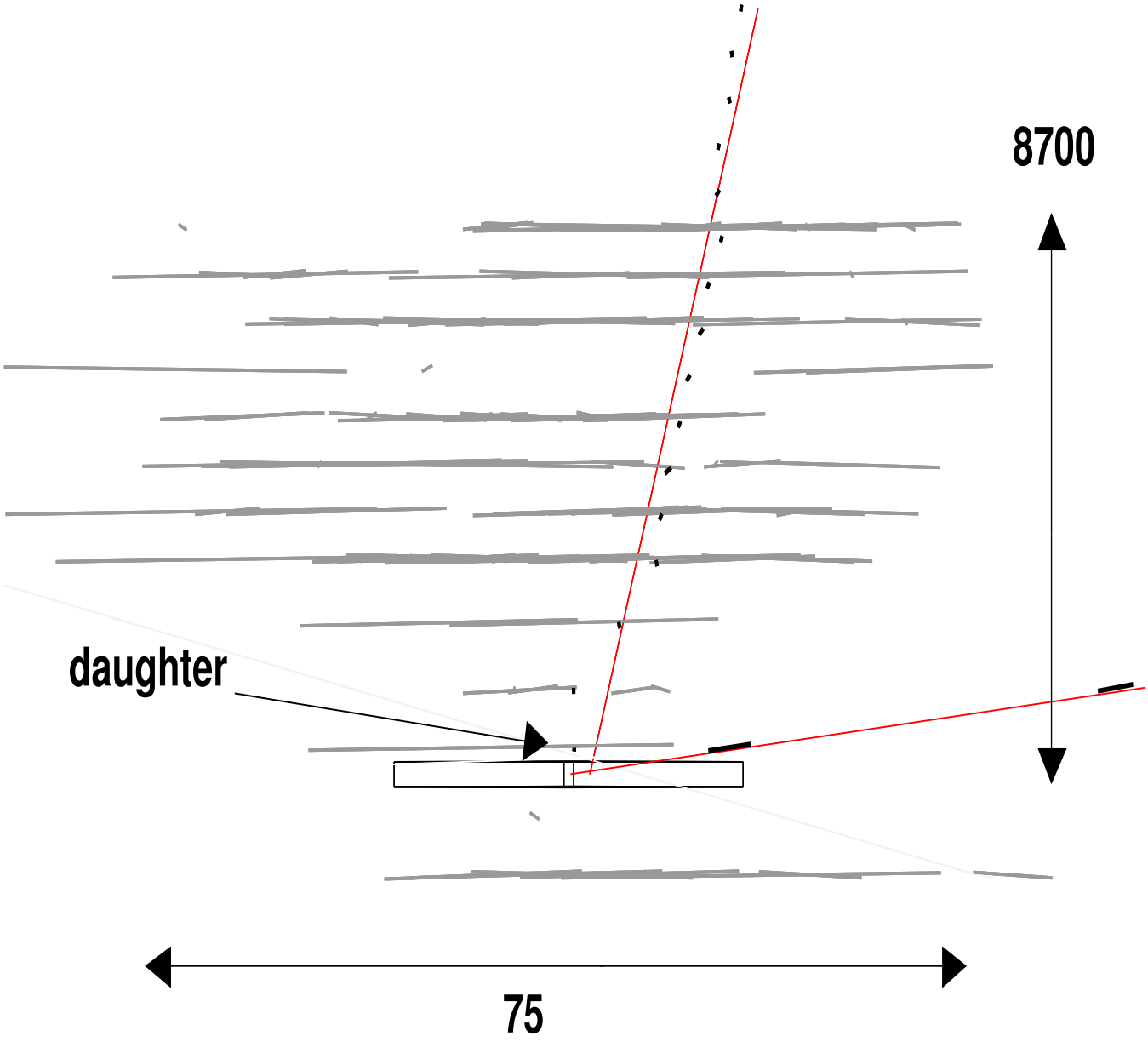
Vertex:



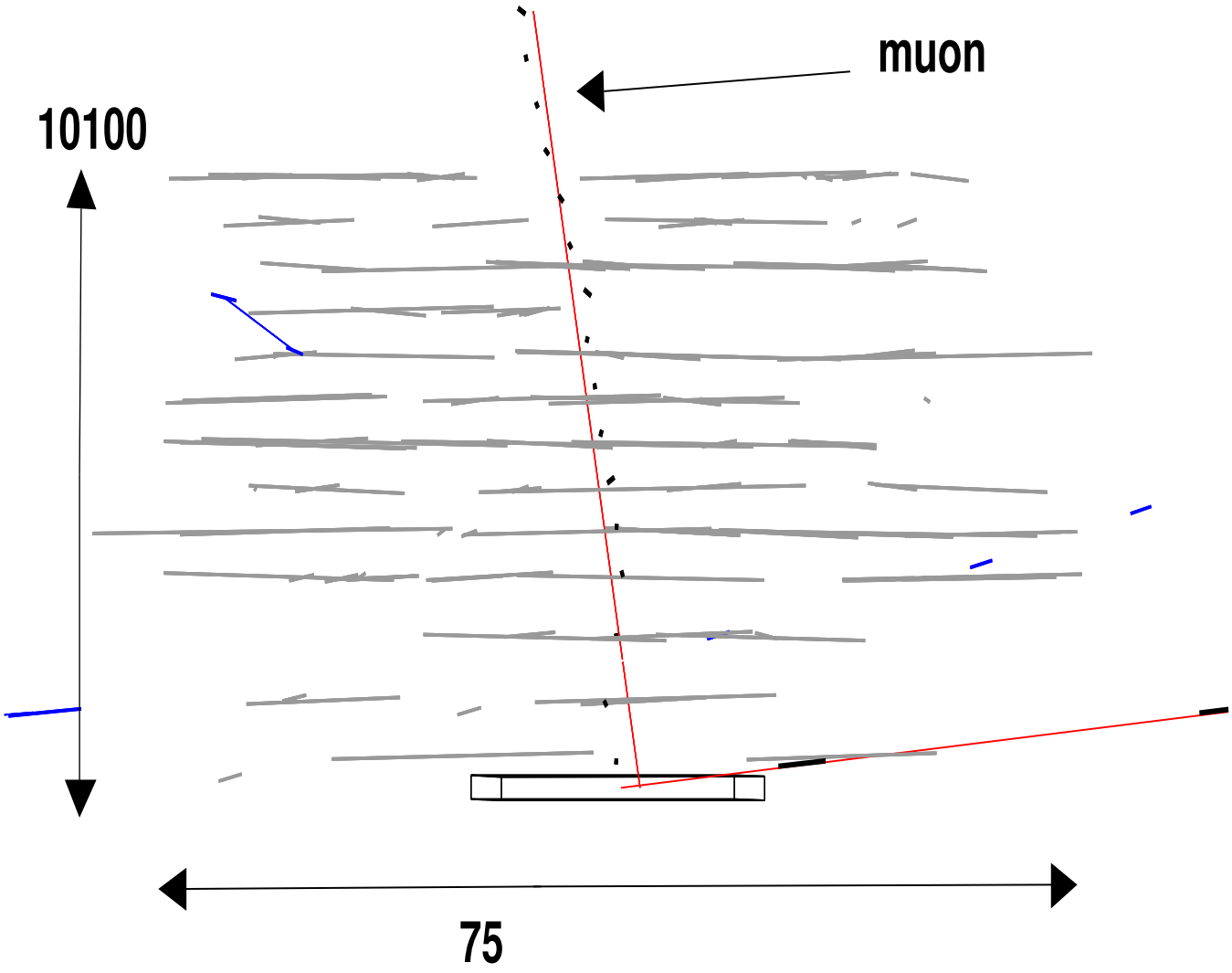
Close up of vertex:



Daughter through 10 emulsion plates (slipping?):



Muon through 10 emulsion plates (slipping?):



Parameter Analysis

Parameter	Value
θ	0.031 rad
ϕ	1.36 rad
L	1.00 mm
θ_{kink}	0.065 rad
P_{d}	1.3 GeV

This event's parameters are not typical of the ν_τ, charm, or interaction event. The first parameter analysis resulted in a 0.0 probability density for each hypothesis.

The initial parameter analysis illustrates that this event is not particularly charm-like or interaction-like.

After opening the volume of parameter space used to calculate the probability distribution, I arrived at these results:

Hypothesis	Relative Probability
ν_τ Event	0.00
Charm Event	0.99
Interaction Event	0.01

This analysis shows this event to be more charm-like than interaction-like. The fact that I had to open the parameter volume implies this result isn't paticularly convincing.